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(71) Applicant (for all designated States except US): **MY-
OCONTRACT LTD.** [CH/CH]; Hammerstrasse 25,
CH-4410 Liestal (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SOEBERDT**,
Michael [DE/DE]; Fecampring 28, 79618 Rheinfelden
(DE). **WEYERMANN, Philipp** [CH/CH]; Auweg 35,
CH-4450 Sissach (CH). **VON SPRECHER, Andreas**
[CH/CH]; Nelkenweg 1, CH-4104 Oberwil (CH). **HEN-
NEBÖHLE, Marco** [DE/DE]; Schillerstr. 26, 79618
Rheinfelden (DE).

(74) Agent: **GOLDBACH, Klara**; Grünecker, Kinkeldey,
Stockmair & Schwanhäusser, Maximilianstrasse 58,
80538 München (DE).

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MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: SUBSTITUTED PIPERIDINE AND PIPERAZINE DERIVATIVES AS MELANOCORTIN-4 RECEPTOR MODULA-
TORS

(57) Abstract: The present invention relates to novel substituted piperidine and piperazine derivatives as melanocortin-4 receptor (MC-4R) modulators. MC-4R agonists of the invention can be used for the treatment of disorders and diseases such as obesity, diabetes and sexual dysfunction, whereas the MC-4R antagonists are useful for the treatment of disorders and diseases such as cancer cachexia, muscle wasting, anorexia, anxiety and depression. All diseases and disorders, where the regulation of the MC-4R is involved, can be treated with the compounds of the invention.

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INTERNATIONAL SEARCH REPORT CORRECTED VERSION

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D471/10 C07D401/12 C07D521/00 C07D211/62 C07D295/12
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A61P25/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/74679 A (PATCHETT ARTHUR A; PLOEG LEONARDUS H T V D (US); SEBHAT IYASSU (US) 14 December 2000 (2000-12-14) cited in the application Abstract; claims 1,18. -----	1-15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Weisbrod, T

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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